

## POTATO TO FURNISH POWER TO FARMER

Alcohol in the Tuber Also to  
Become Source of Heat  
and Light.

### SECRETARY WILSON'S PLANS

Investigating Producing Capacity of  
Plants in Generative  
Energy.

To enable the farmer to produce the alcohol that in a few years is to be heat and light and power for him, the Department of Agriculture has already set at work to develop those plants which will most contribute to promoting this new industry. It will be the fault of this department if denatured alcohol proves less a boon than has been hoped by its most ardent advocates.

Dr. Galloway, chief of the Bureau of Plant Industry, under direction of Secretary Wilson, has sent agents to Europe to study the big potato that is grown in many sections of the continent, and arrange for securing seed and transplanting it to this country.

#### Pretty Big Potato.

This potato has small value for edible purposes, but is several times as large as the one commonly seen in this country. It grows, too, an immense yield— from an acre of ground it is claimed enough of them can be produced to make 60 gallons of alcohol, which means light, heat, and power for a farm household for a year.

This potato is to be developed and acclimated for the different sections of the United States as soon as possible. After the alcohol is taken from it, the residue is still useful for feeding to livestock, though not for human consumption. Secretary Wilson and Dr. Galloway anticipate that in a few years it will constitute one of the most useful and valuable crops.

#### To Utilize Corn Stalks.

Further than this, the department has just closed up arrangements with a big establishment in the West for the use of 10,000 tons of the refuse—corn stalks, husks, tops, and ends of beets, cobs, etc.—to be devoted to systematic experiments in their reduction of alcohol. It is well known that there is plenty of alcohol in all these things; the proposition is to find out whether it can be taken out at a reasonable cost. The belief of the scientists is that the time American inventive genius has been at work a few years means will be developed to give the world alcohol for fuel, light, and power far cheaper than has ever been dreamed before. There is endless supply of these cheaper materials in this country, and the process will be developed if it is possible.

## SNUB FOR VLADIMIR BY ALBINO'S QUEEN

Grand Duke, Exiled From  
Russia by the Czar, Not  
Wanted There.

LONDON, Sept. 8.—Before she left England to visit her daughter, Queen Maud of Norway, Queen Alexandra is said to have made King Edward give her the promise that he would inform Grand Duke Vladimir, of Russia, uncle of the Czar, that his presence in this country during his term of banishment from Russia is not wanted, and should he come to London he would not be received at the English court.

In spite of his fear of his uncle, the Czar a couple of weeks ago issued a decree banishing Vladimir from Russia for one year because of his scandalous behavior which defies all description.

#### Been on Continuous Debauch.

For many months the grand duke, who has always been the black sheep of the imperial family, has been in a state of permanent intoxication, but nothing was done to restrain him until he, during one of his spasms, forced his way into the Czar's private apartments at Peterhof and threatened to knock Nicholas' head off because the Czar had refused to make Admiral Alexieff, the man who was responsible for the Russo-Japanese war, minister of Marine in the Stolypin cabinet.

When Gen. Treppoff, commander of the palace, tried to stop him he was thrown violently to the floor by a blow from the fist of the furious grand duke who has the strength of a giant. It took the combined strength of ten officers and soldiers to overpower the drunken man and carry him off to a cell where he spent the night.

#### Czarina Forced to Issue.

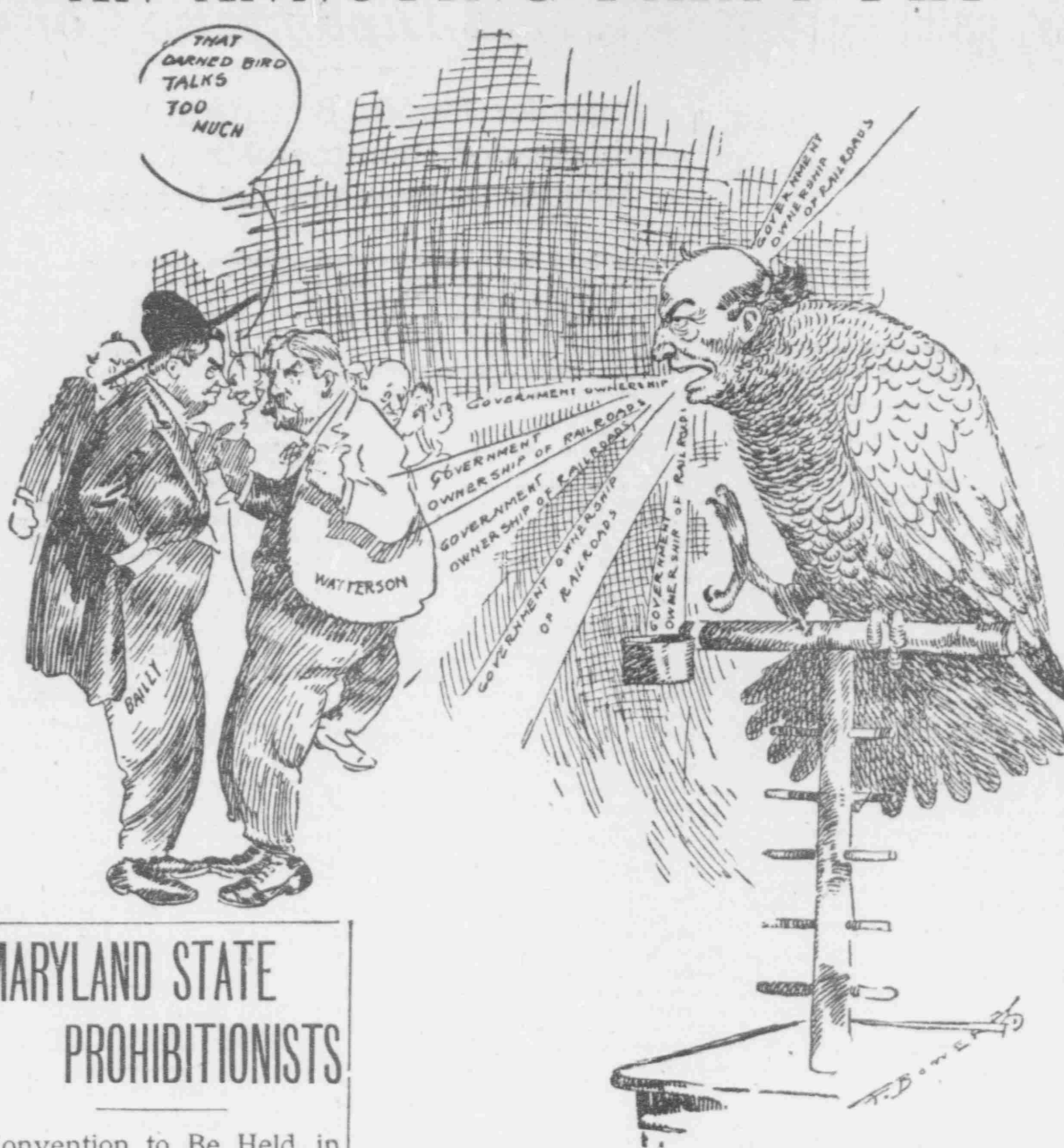
Though the Czar ordered everyone to keep the affair secret the Czarina heard of it and she forced her husband to banish his uncle.

Vladimir then announced his intention of spending next winter in London supposedly to study the workings of the British parliament, but really because he is afraid to go to France which is full of Russian refugees, any one of whom would gladly sacrifice his own life to rid the world of Vladimir, whom they consider responsible for the Czar's failure to grant a constitution to Russia.

#### SAVING THE INDIAN NAMES.

It is a good idea, this perpetuation of the old Indian place names, which, according to the Indian office of the Interior Department, is now the fashionable thing for hotels and homes. The prevalence of Indian names in summer resort notices indicates that there is a very general appreciation of the euphony of many of these words. The primitive and unattenuated American Indian did not possess a large vocabulary, and even of this a part has been lost. In old Indian deeds we find words in the Massachusetts language which no one is able to translate. In preserving these names which remain we are keeping perpetual about all that is left of our primitive Indians, and it is well worth while.—Boston Transcript.

## AN ANNOYING PARTY PET



## MARYLAND STATE PROHIBITIONISTS

Convention to Be Held in  
Laurel Wednesday Next  
to Make Nominations.

LAUREL, Md., Sept. 8.—The prohibition State convention will be held here at the Academy of Music on Wednesday, September 12, and will be attended by persons from all over the State. The program arranged for the occasion is as follows:

Convention called to order at 11 a. m. by State Chairman Finley C. Hendrickson, of Cumberland, Md. Prayer, Address of welcome, by Hon. William F. Gilbert, mayor of Laurel. Response by George R. Gorsuch, chairman Baltimore prohibition city committee. Election of convention officers. Appointment of committees on credentials, resolutions, etc. Report of State Chairman Finley C. Hendrickson. Report of Treasurer William Klenle. Report of committee on credentials. Report of county chairman and others. Adjournment.

#### Afternoon Session.

Convention called to order at 2 p. m. An address by Mrs. E. Norah Law, of Michigan, relating to women's prohibition clubs. Address by National Chairman Charles K. Jones. "The Proper Use of Alcohol," paper by Hon. William F. Johnson. Open conference on the situation in State and nation. Address by Dr. G. H. Mead, of New York. Financial. Election of executive committee. Adjournment.

#### Night Session.

Mass meeting at 7:30 p. m. Address by Dr. G. H. Mead, of New York. Music will be furnished by the Laurel Military Band. As Laurel several months ago voted against permitting saloons within the city limits, and elected a full ticket pledged to prohibition its selection is regarded as unusually significant.

## New Variety of Alfalfa Valuable to the Farmers

Government Scientists at Work to Give Utility  
to Useful Western Forage Adapted to  
Eastern Climate.

One of the most important discoveries yet made by the scientists of the Department of Agriculture is just announced. It is nothing less than a new variety of alfalfa suitable for the arid and semi-arid plains of the plain and mountain West. Experiments conducted with it thus far indicate that it is going to be of inestimable value. It will give utility to millions of acres of lands in the arid country, which without it could produce nothing unless irrigated, and for which there is no chance of securing a water supply. The development of this wonderful plant is incidentally a demonstration of the law of natural selection and survival of the fittest. On the borders of certain arid regions in New Mexico the alfalfa had developed a disposition to work its way out into the desert, farther and farther away from the water, adapting itself to the conditions it met. It worked its way up the mountain sides and out into the desert areas, developing a system of deep-reaching roots and a foliage that preserved every possible unit of moisture. The scientists realized that this dry land plant was structurally and essentially different from the ordinary alfalfa.

Heretofore, in their effort to adapt this useful forage plant to arid countries, the scientists have taken seed from the well-watered regions, and tried to make it grow in the desert. It naturally failed. Now they are gathering the seed of the desert alfalfa, studying its habits, learning how to transplant and strengthen it, and are already assured that the effort will be of great value. Alfalfa is destined to be one of the most valuable crops in the country. Last year, for instance, the Department of Agriculture assisted the railroads and local authorities in Virginia in running an "alfalfa train" through a large section of the State. The farmers were greatly interested, came long distances to learn about the new plant, bought seed, and put out much of it. Already they are getting results, and the experiment has been so successful that the area is fast increasing. Secretary Wilson believes it will soon be used all over the East, and he is much relied upon as it is in the West.

#### AMBITION OF SOME MEN.

Rather than make an effort to reach the top some men prefer to remain at the bottom for the purpose of helping pull others down.—Mexican Herald.

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### CHEAP WAR VESSELS FOR JAPAN.

The Japanese appear to be just as successful in raising vessels as they were in sinking them. They saved most of the Russian ships abandoned at Port Arthur and also lifted the Varig from the mud at the bottom of Chemulpo harbor. Their last feat in this direction was the salvage of Admiral Togo's battleship Mikasa, which was sunk by an explosion last fall off the naval station at Sasebo. As a result of wrecking operations carried on the Japanese have added a number of quite good battle ships to their naval list at the expense of the Russians. As we remember the figures Japan secured four battle ships, two cruisers, two gunboats and one destroyer, representing a displacement of about 5,000 tons, at Port Arthur. Six warships were captured and the total gain in war vessels was almost 10,000 tons, and that does not take into account the merchant tonnage captured.

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